Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 17 Dec 2021 until 23:59 on Saturday 18 Dec 2021

Forecast Issued on Thursday 16 Dec 2021 at 10:44

Confidence: With high pressure looking set to dominate the weather through the coming days confidence in generally settled pattern with light winds is high. However lowering confidence in the detail of cloud cover.

Headline for Friday 17 Dec 2021: Dry with light winds and some brighter spells.

Mountain weather hazards on Friday 17 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Friday 17 Dec 2021

Weather: Dry overnight with some clear spells bringing a chance of limited mist and fog patches around foothills by dawn. A settled, dry day with partly cloudy skies affording occasional bright and sunny spells, probably most readily appearing during the afternoon and in the west.

Chance of cloud free mountain/hill tops above 600m: 40% becoming 60% in the west for afternoon

Visibility: Good or very good, but very poor in fog with bases widespread to occasional down to 400m, mainly in the east. Excellent on high summits above 600m standing above the cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 17 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/7 NW	3/5 NE	4/6 W	3/5 E	3/7 E	4/7 SE	4/8 E	4/7 SE	5/8 SE
300	3/7 NW	2/5 N	2/5 NE	3/4 NE	3/6 E	4/6 E	4/8 E	4/7 E	3/7 SE
Valley	2/3 N	2/3 NE	2/3 E	2/4 E	2/5 S	2/5 S	3/6 NE	3/7 E	3/6 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/3	4/3	4/3	4/3	4/3	4/2	4/2	3/1	3/0
300	4/3	4/2	2/1	3/2	6/5	4/3	3/1	2/0	2/0
Valley	6/5	5/4	4/2	3/2	6/6	5/4	2/1	2/0	2/0
Freezing Level*	2000m	2000m	1900m	1900m	1900m	1900m	1700m	1500m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note that some of the recent rainfall measured at Malham may be due to snow melt from recent weeks entering the rain gauge.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 16 Dec 2021	4mm	4.6mm	6.8mm

Forecast for Saturday 18 Dec 2021

Weather: Some lingering mist and fog around foothills. Settled with vast majority staying dry with occasional bright or sunny spells, best of these across eastern ranges of the Park area and during the afternoon.

Maximum wind: Variable, mainly west, 10mph or less

Chance of cloud free mountain/hill tops above 600m: 40% becoming 60% in the east for afternoon

Visibility: Good or very good, but very poor in fog with bases widespread to occasional down to 500m.

Temperature:
Valleys: Plus 1 Celsius early and late, also where mist and fog linger, but in brightness lifting 8 Celsius during the afternoon
At 600m: Plus 3 Celsius lowering Zero later
Freezing level: Generally above the summits, but sub-zero layer developing from mid-levels later as inversion strengthens

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